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ABSTRACT

The Pennsylvania Questionnaire combines in one document elementary and secondary attitudinal items which are intended to measure six of the ten goals of quality education for the state. Item groups include understanding others, interest in learning, citizenship, creativity, appreciation of human accomplishments, and preparation for the demands of a changing world. Each group of items in the questionnaire is accompanied by directions and is designated by a goal number, by "Elementary," "Secondary," or both, and by a brief definition of the subject area. Elementary items are designed for 5th graders and secondary items for 11th graders. Those items designated as both Elementary and Secondary are administered at both grade levels. A variety of supporting data is available on request, including reliabilities, validity, item and factor analyses, and percentile distributions. (Author/LR)

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THE PENNSYLVANIA QUESTIONNAIRE

Pennsylvania Department of Education
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Harrisburg, Pennsylvania 17126

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INTRODUCTION

The Pennsylvania Questionnaire brings together in a single document elementary and secondary attitudinal items developed by Pennsylvania Department of Education personnel. The items are intended to measure in six of the ten goals of quality education in Pennsylvania. For statewide assessment purposes, the items are combined with items developed outside of the Pennsylvania Department of Education in machine-scorable booklets -- the Pupil Questionnaire for elementary pupils and the Student Questionnaire for secondary students.

Each group of items in the Pennsylvania Questionnaire is designated by a goal number, "Elementary," "Secondary" or both and a brief definition of the area.

Elementary items were designed especially for 5th graders. Secondary items were designed especially for 11th graders. Elementary and secondary items are administered at both grade levels.

The goal numbers refer to the following goals of quality education:

II. Quality education should help every child acquire understanding and appreciation of persons belonging to social, cultural and ethnic groups different from his own.

IV. Quality education should help every child acquire a positive attitude toward the learning process.

V. Quality education should help every child acquire the habits and attitudes associated with responsible citizenship.

VII. Quality education should give every child opportunity and encouragement to be creative in one or more fields of endeavor.

IX. Quality education should help every child understand and appreciate as much as he can of human achievement in the natural sciences, the social sciences, the humanities and the arts.

X. Quality education should help every child to prepare for a world of rapid change and unforeseeable demands in which continuing education throughout his adult life should be a normal expectation.

The following additional information is available upon request:

1. Procedures for Scoring
2. Reliability Coefficients
3. Validity Results
4. Rationales for Measurement
5. Item Analyses and Factor Analyses
6. Percentile Distributions, Means and Standard Deviations Based on Mean Scores from 355 Pennsylvania Elementary Schools and 73 Pennsylvania High Schools
7. Regression Coefficients Based upon Pupil Background, School, Staff and Community Variables

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Joan S. Beers
Office of Research and Statistics

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The following individuals were responsible for inventory development in the following areas:

Ernest L. Peters	Citizenship
T. J. Rookey	Creative Tendency
Paul B. Campbell & Joan S. Beers	Things People Do
Joan S. Beers	Appreciating Human Accomplishments
James F. Hertzog	Understanding Others - Secondary
Patrick F. Toole	Preparing for a Changing World

The ideas basic to the remaining inventories originated with Educational Testing Service under contract with the Pennsylvania Department of Education. Paul B. Campbell, J. Robert Coldiron, James F. Hertzog and Joan S. Beers were responsible for developing inventories using these ideas.

C O N T E N T S

Inventory	Grade Level	Page
Understanding Others	Elementary and Secondary	1
Understanding Others	Secondary	3
Interest in School	Elementary and Secondary	4
Citizenship	Elementary and Secondary	5
Creative Tendency	Elementary	8
Creative Potential	Secondary	10
Creative Output	Secondary	13
Things People Do	Elementary	15
Appreciating Human Accomplishments	Secondary	23
Preparing for a Changing World	Elementary and Secondary	25

DIRECTIONS: Each question has two parts. First, you are to choose what ACTION you are most likely to take in the particular situation. There are three possible ACTIONS numbered I, II, III. Next, look at REASONS for the ACTION you choose and pick the REASON that is most like yours. For each question, blacken only the circle for the reason you have chosen under the action you plan to take.

SAMPLE: A new course in mathematics is being offered in your high school this year. You would:

ACTION I	ACTION II	ACTION III
Sign up for the course because	Wait to see what the course is like because	Avoid taking the course because
REASON	REASON	REASON
( ) You like mathematics	( ) You like only some types of math	( ) You don't like math
(●) You want to take all the math you can	( ) Some math is easy and some is hard	( ) Math is hard
( ) You need another math course	( ) You are afraid of math courses	( ) It might lower your average

The Second Reason of Action I has been blackened in the sample question.

1. A new pupil from a foreign country is going to be in your class for the school year. You would:

ACTION I	ACTION II	ACTION III
Offer to help the pupil because	Wait to see what the pupil is like first because	Stay away from the new pupil because
REASON	REASON	REASON
( ) You like people	( ) You like people only if they are not too different	( ) You like people only like yourself
( ) One should be nice to everyone	( ) There are good and bad in every group	( ) Foreigners are too different
( ) You need friends	( ) You are afraid to meet new people	( ) He or she might be a bad influence

2. A new student comes to your class on Monday morning. You find out at lunch time that he has religious beliefs which are quite different from yours. What would you do?

ACTION I	ACTION II	ACTION III
Try to get to know him or her better because	Wait to see what he or she is like before being friendly because	Stay away from the new student because
REASON	REASON	REASON
( ) You like people	( ) You like people only if they are not too different	( ) You like people only like yourself
( ) One should be nice to everyone	( ) There are good and bad in every group	( ) People with other religious beliefs are too different
( ) You need friends	( ) You are afraid to meet new people	( ) He or she might be a bad influence

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3. A classmate has invited you home to visit. Your classmate lives in another section of town in a house which is very different from yours. Would you

ACTION I	ACTION II	ACTION III
Accept the invitation because	Try to get out of going because	Not accept the invitation because
REASON	REASON	REASON
( ) You like people	( ) You like people only if they are not too different	( ) You like people only like yourself
( ) One should be nice to everyone	( ) There are good and bad in everyone	( ) Some people are too different
( ) You need friends	( ) You are afraid to meet new people	( ) He or she might be a bad influence

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DIRECTIONS: READ EACH QUESTION CAREFULLY AND DECIDE HOW YOU FEEL ABOUT IT. THERE ARE FIVE POSSIBLE ANSWERS TO CHOOSE FROM. BE SURE TO ANSWER EACH QUESTION. BLACKEN ONLY ONE CIRCLE FOR EACH QUESTION.

(E) I cannot say
(D) I would dislike it
(C) I would rather not
(B) I wouldn't mind it
(A) I would like it

4. How would you feel about it if a person whose skin color is different from your own wanted to become a close friend? (A) (B) (C) (D) (E)

5. How would you feel about playing on the same team with a person whose skin color is different from your own? (A) (B) (C) (D) (E)

6. How would you feel about sitting in class next to a person whose skin color is different from your own? (A) (B) (C) (D) (E)

7. How would you feel about having as a best friend a person whose ideas about God are very different from your own? (A) (B) (C) (D) (E)

8. How would you feel about playing on the same team with a person whose ideas about God are very different from your own? (A) (B) (C) (D) (E)

9. How would you feel about sitting in class next to a person whose ideas about God are very different from your own? (A) (B) (C) (D) (E)

10. How would you feel about having as a best friend a person whose family is much poorer than yours? (A) (B) (C) (D) (E)

11. How would you feel about playing on the same team with a person whose family is much poorer than yours? (A) (B) (C) (D) (E)

12. How would you feel about sitting in class next to a person whose family is much poorer than yours? (A) (B) (C) (D) (E)

GOAL II — SECONDARY — UNDERSTANDING OTHERS 8

DIRECTIONS: READ EACH STATEMENT CAREFULLY. BLACKEN THE CIRCLE WHICH BEST DESCRIBES HOW YOU FEEL. MARK ONLY ONE ANSWER FOR EACH STATEMENT.

(E) Strongly disagree
(D) Disagree
(C) Not certain
(B) Agree
(A) Strongly agree

13. Employers should be required to hire a person if he is qualified for a job regardless of his color or religion. (A) (B) (C) (D) (E)

14. Pupils of all races should attend school together everywhere in this country. (A) (B) (C) (D) (E)

15. Families of any race should be allowed to live in any neighborhood they wish. (A) (B) (C) (D) (E)

16. Religious beliefs and worship should not be restricted by laws. (A) (B) (C) (D) (E)

17. Some religious groups should be prevented from living in certain sections of cities. (A) (B) (C) (D) (E)

18. Foreigners in this country should be allowed the same basic freedoms that citizens have. (A) (B) (C) (D) (E)

19. Some religious groups should not be allowed the same freedom as others. (A) (B) (C) (D) (E)

DIRECTIONS: TO ANSWER QUESTIONS 20-25, TRY TO PLACE YOURSELF IN THE TWO IMAGINARY SITUATIONS. BLACKEN THE CIRCLES WHICH BEST DESCRIBE HOW YOU THINK YOU WOULD FEEL IF YOU ACTUALLY WERE IN EACH OF THE IMAGINARY SITUATIONS. YOU MAY BLACKEN MORE THAN ONE SPACE FOR EACH QUESTION.

SITUATION: A group of 11th grade students from throughout the State have been selected to tour the United States all expenses paid. You are one of them. You will be assigned a roommate for the trip.

20. Which of the following students would you ask not to have as your roommate? (You may mark more than one answer.)

( ) A black student
( ) A white student
( ) An Oriental student
( ) An Indian student
( ) Makes no difference

21. Which of the following students would you ask not to have as your roommate? (You may mark more than one answer.

( ) A Protestant student (such as Baptist, Methodist, etc.)
( ) A Catholic student
( ) A Jewish student
( ) A student with a religion not mentioned above
( ) Makes no difference

22. Which of the following students would you ask not to have as your roommate? (You may mark more than one answer.)

( ) A student whose parents are very rich
( ) A student whose parents buy him or her most everything
( ) A student whose parents buy him or her some things
( ) A student whose parents are poor
( ) Makes no difference

SITUATION: A school club to which you belong is holding a dance and has invited other high school students from throughout the State. Each boy will choose his partner for a set of dances by drawing her name from a barrel.

23. With which of the following students would you not like to dance? (You may mark more than one answer.)

( ) An Indian student
( ) A black student
( ) An Oriental student
( ) A white student
( ) Makes no difference

24. With which of the following students would you not like to dance? (You may mark more than one answer.)

( ) A Protestant student (such as Baptist, Methodist, etc.)
( ) A Jewish student
( ) A Catholic student
( ) A student with a religion not mentioned above
( ) Makes no difference

25. With which of the following students would you not like to dance? (You may mark more than one answer.)

( ) A student whose parents are very rich
( ) A student whose parents buy him or her most everything
( ) A student whose parents buy him or her some things
( ) A student whose parents are poor
( ) Makes no difference

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GOAL IV ELEMENTARY AND SECONDARY INTEREST IN SCHOOL

DIRECTIONS: BLACKEN THE CIRCLE WHICH BEST TELLS HOW YOU FEEL.

(?) I cannot say
(V) It's very important
(Q) It's quite important
(S) It's somewhat important
(N) It's not important

HOW IMPORTANT IS IT TO YOU TO:

1. Do your homework well? (N) (S) (Q) (V) (?)
2. Recite or report before the class? (N) (S) (Q) (V) (?)
3. Do practice problems or drill? (N) (S) (Q) (V) (?)
4. Write a report on an assigned subject? (N) (S) (Q) (V) (?)
5. Prepare for an exam or tests? (N) (S) (Q) (V) (?)
6. Buy books and magazines? (N) (S) (Q) (V) (?)
7. Read a book on a brand new subject? (N) (S) (Q) (V) (?)
8. Join a group to learn something new? (N) (S) (Q) (V) (?)

(E) Almost never
(D) Seldom
(C) Sometimes
(B) Often
(A) Almost always

9. I like to begin a new topic in class. (A) (B) (C) (D) (E)
10. I like to discuss my schoolwork with a friend. (A) (B) (C) (D) (E)
11. I like to talk with my teachers about my ideas. (A) (B) (C) (D) (E)
12. I like school. (A) (B) (C) (D) (E)
13. Teachers help us when we need help. (A) (B) (C) (D) (E)
14. School is a good place to make friends. (A) (B) (C) (D) (E)
15. Our school building is nice to be in. (A) (B) (C) (D) (E)
16. School is too much sitting. (A) (B) (C) (D) (E)
17. My teacher uses my ideas. (A) (B) (C) (D) (E)
18. I like to get back to school after vacation. (A) (B) (C) (D) (E)
19. Our classes take field trips. (A) (B) (C) (D) (E)

GOAL V ELEMENTARY AND SECONDARY CITIZENSHIP

DIRECTIONS: READ EACH STATEMENT, THINK ABOUT WHAT YOU HAVE DONE IN THE PAST IF YOU WERE EVER FACED WITH THE SITUATION AND MARK YOUR ANSWER BY FILLING IN THE CIRCLE. IF YOU NEVER FACED THE SITUATION, TRY TO IMAGINE WHAT YOU WOULD DO. DON'T SPEND TOO MUCH TIME ON ANY ONE ITEM. BLACKEN ONLY ONE CIRCLE FOR EACH ITEM.

(A) Always
(M) Most of the time
(S) Sometimes
(V) Very seldom
(N) Never

1. I would sell something if my class were trying to raise money. (N) (V) (S) (M) (A)
2. When my parents give me a job to do, I do it. (N) (V) (S) (M) (A)
3. I would help with a class project even if I did not like it. (N) (V) (S) (M) (A)

4. If I scratched a neighbor's car with a bicycle, I would keep quiet about it. (N) (V) (S) (M) (A)

5. I listen to the news on radio or TV. (N) (V) (S) (M) (A)

6. If my class or club wanted me to be an officer, I would give up some of my time for the group. (N) (V) (S) (M) (A)

7. I clean the papers and other stuff off the table when I finish lunch even if some of it is not mine. (N) (V) (S) (M) (A)

8. If the principal or a teacher asked me and some others to stay after school to put up a bulletin board, I would stay. (N) (V) (S) (M) (A)

9. If I were "fooling around" with the school's record player and broke it, I would tell the teacher. (N) (V) (S) (M) (A)

10. When my ideas differ from those of the teacher, I try to discuss them with her. (N) (V) (S) (M) (A)

11. I would help the group leader even if I know I could do a better job. (N) (V) (S) (M) (A)

12. If someone in my class wears odd clothes, I tease him about it. (N) (V) (S) (M) (A)

13. If I thought a school rule was not good, I would work with the teacher to have it changed. (N) (V) (S) (M) (A)

14. I like to earn my own money when I can. (N) (V) (S) (M) (A)

15. I do my homework even if I know the teacher isn't going to collect it. (N) (V) (S) (M) (A)

16. I like to "fool around" when the teacher leaves the room. (N) (V) (S) (M) (A)

17. I like to be the leader. (N) (V) (S) (M) (A)

18. I would help anyone who asks me, if I can. (N) (V) (S) (M) (A)

19. If I lost my book, I would change the label in another book and use it as my own. (N) (V) (S) (M) (A)

20. If I found a wallet with money in it, I would try to return it to the owner. (N) (V) (S) (M) (A)

21. I would cheat on a test if I felt the test was unfair. (N) (V) (S) (M) (A)

22. If someone wanted to borrow a book I was using, I would let him have it as soon as I could. (N) (V) (S) (M) (A)

23. If I thought a school rule was not good, I would try to find out why we have it. (N) (V) (S) (M) (A)

24. If a store clerk gave me too much change, I would return the extra money. (N) (V) (S) (M) (A)

25. I try to find out about all sides of a story before I make up my mind. (N) (V) (S) (M) (A)

(E) Agree strongly
(D) Agree
(C) Neither agree nor disagree
(B) Disagree
(A) Disagree strongly

26. People should have the right to join in a protest march. (A) (B) (C) (D) (E)

27. A person should keep what he finds. (A) (B) (C) (D) (E)

28. Groups who disagree with our government should be allowed to print a newspaper. (A) (B) (C) (D) (E)

29. It does not pay to cheat. (A) (B) (C) (D) (E)

30. A man should work and earn his own living if he can. (A) (B) (C) (D) (E)

31. Groups seldom get anything done. (A) (B) (C) (D) (E)

32. The best job is the easiest one. (A) (B) (C) (D) (E)

33. A person should help others if he can. (A) (B) (C) (D) (E)

34. People who write letters to the government are wasting their time. (A) (B) (C) (D) (E)

35. If a person finds a wallet and there is no name in it, it is all right for him to keep it. (A) (B) (C) (D) (E)

36. Negroes, Chinese, Indians and Whites should all be able to get any job they can do. (A) (B) (C) (D) (E)

37. It is often easier to get things done by joining a group. (A) (B) (C) (D) (E)

38. A man should vote the same way his friends do. (A) (B) (C) (D) (E)

39. A person who reports criminals to the police is doing a good deed. (A) (B) (C) (D) (E)

40. It's all right for people to cheat as long as they don't get caught. (A) (B) (C) (D) (E)

41. It's okay to break a school rule if everyone else is breaking it. (A) (B) (C) (D) (E)

42. A person would be foolish to admit he did something wrong if no one saw him do it. (A) (B) (C) (D) (E)

43. People should not be allowed to say what they think. (A) (B) (C) (D) (E)

44. News programs on television are a waste of time. (A) (B) (C) (D) (E)

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GOAL VII

ELEMENTARY

CREATIVE TENDENCY

DIRECTIONS: READ EACH STATEMENT CAREFULLY. BLACKEN THE CIRCLE WHICH BEST TELLS HOW YOU FEEL ABOUT THE STATEMENT. FOR EACH ITEM BLACKEN ONLY ONE CIRCLE.

(E) Strongly disagree
(D) Disagree
(C) Uncertain
(B) Agree
(A) Strongly agree

1. If the last page of a book is missing, the book is not worth reading. (A) (B) (C) (D) (E)
2. I would like to make up a new song. (A) (B) (C) (D) (E)
3. New words are fun to learn. (A) (B) (C) (D) (E)
4. TV news shows are boring. (A) (B) (D) (D) (E)
5. I would like to learn a new game even if I lose at it. (A) (B) (C) (D) (E)
6. The best lessons contain only one idea. (A) (B) (C) (D) (E)
7. New places are fun to visit. (A) (B) (C) (D) (E)
8. I like to really do more than the teacher asks for. (A) (B) (C) (D) (E)
9. I think that it is foolish to borrow other people's ideas. (A) (B) (C) (D) (E)
10. The best toys are the kind that can be taken apart. (A) (B) (C) (D) (E)
11. I like to meet new classmates. (A) (B) (C) (D) (E)
12. Creating new words is dumb. (A) (B) (C) (D) (E)
13. It might be fun to try new games. (A) (B) (C) (D) (E)
14. Learning how to do things is more important than getting excellent marks. (A) (B) (C) (D) (E)
15. I like to try new things. (A) (B) (C) (D) (E)
16. I like to make things without following directions. (A) (B) (C) (D) (E)
17. Pictures of grass should be colored only green. (A) (B) (C) (D) (E)
18. Only adults can run a house. (A) (B) (C) (D) (E)

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19. I think I could make up stories as good as those in books, (A) (B) (C) (D) (E)

20. You have to be grown up to think up a really good idea. (A) (B) (C) (D) (E)

21. I don't like changes. (A) (B) (C) (D) (E)

22. It's important to get the right answer even if I don't know how I got it. (A) (B) (C) (D) (E)

23. I would rather play a game I know than learn a new one. (A) (B) (C) (D) (E)

24. I enjoy learning how to do something in a new and different way. (A) (B) (C) (D) (E)

25. The best way is the old way. (A) (B) (C) (D) (E)

26. It would be fun to take a picture through a goldfish bowl. (A) (B) (C) (D) (E)

27. I would rather copy poems from a book than make them up. (A) (B) (C) (D) (E)

28. It is not much fun to visit new places. (A) (B) (C) (D) (E)

29. I want to find out things that nobody else knows. (A) (B) (C) (D) (E)

30. Games are not fun if you lose. (A) (B) (C) (D) (E)

31. The more pieces in a puzzle, the better I like it. (A) (B) (C) (D) (E)

32. The best friends are the ones who like the same things as I do. (A) (B) (C) (D) (E)

33. Lessons that have a lot of different ideas in them are really good. (A) (B) (C) (D) (E)

34. I don't like to learn new words. (A) (B) (C) (D) (E)

35. News shows on TV are interesting to watch. (A) (B) (C) (D) (E)

36. A good drawing has to look like the real thing. (A) (B) (C) (D) (E)

37. I like to speak to the class and answer questions about my talk. (A) (B) (C) (D) (E)

38. Singing a song that nobody else knows is silly. (A) (B) (C) (D) (E)

39. If the last page of a story is missing, you should make up the ending. (A) (B) (C) (D) (E)

40. Pictures of grass could be painted any color. (A) (B) (C) (D) (E)

41. Making up stories is silly. (A) (B) (C) (D) (E)

42. It would be fun to draw a picture while standing on your head. (A) (B) (C) (D) (E)

43. New kids are not fun to meet. (A) (B) (C) (D) (E)

44. It would be a waste of time to take a photograph through a fishbowl. (A) (B) (C) (D) (E)

45. I think that it is foolish to copy other people's work. (A) (B) (C) (D) (E)

GOAL VII-P SECONDARY CREATIVE POTENTIAL

DIRECTIONS: READ EACH STATEMENT CAREFULLY. MARK YOUR ANSWER BY FILLING IN THE CIRCLE THAT BEST DESCRIBES YOU. AN ANSWER IS CORRECT IF IT IS YOUR HONEST OPINION.

(N) Never
(R) Rarely
(S) Sometimes
(F) Frequently
(A) Almost always

1. How often have other interests (hobbies, extra curricular activities or sports) prevented you from obtaining the grades you would have gotten had you devoted some of this time to your schoolwork? (A) (F) (S) (R) (N)

2. How often do at least some of your friends think your ideas are impractical, if not a bit wild? (A) (F) (S) (R) (N)

3. How often do you like to fool around with new ideas, even if they turn out to be a total waste of time? (A) (F) (S) (R) (N)

4. How often does it bother you to work on a problem when you don't expect a clear-cut, definite and exact answer? (A) (F) (S) (R) (N)

5. How often do your opinions or evaluations of people differ from those of your friends? (A) (F) (S) (R) (N)

6. In comparison with other students, how often are you doubtful about opinions that are expressed by teachers, such as explanations, interpretations or reasons for world events? (A) (F) (S) (R) (N)

7. While in high school to what degree do you participate in so-called "fads," such as belonging to certain clubs or wearing certain types of clothing? (A) (F) (S) (R) (N)

8. In making friends, how often do you find yourself drawn to people who are different from most others in their beliefs, interests, dress, etc.? (A) (F) (S) (R) (N)

(E) Very much below average
(D) Somewhat below average
(C) Average
(B) Above average
(A) Outstanding

9. How do you rate your own drive in comparison with other students? In other words, to what extent do you see yourself as a person of high energy level? (A) (B) (C) (D) (E)

10. How do you rate your own sensitivity in comparison with other students you have known at grasping ideas or emotions implied in literature or works of art? In other words, have you found that you respond more quickly and with more comprehension than most other students? (A) (B) (C) (D) (E)

11. How do you rate your own ability as compared with that of other students you have known to think up and carry out your ideas in any sort of original work you have done? In other words, do you find yourself able to come up with new ideas and then carry them out? (A) (B) (C) (D) (E)

12. In general, how well do you like stories, movies and plays in which the author does not make the ending clear? That is, the author leaves it up to you to decide which of two or more possible endings was the best? (A) (B) (C) (D) (E)

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13. How creative do you feel you are? That is, how able are you to come up with new ideas that work?

Highly creative	(E)
Somewhat more creative than most	(D)
Moderately creative	(C)
Somewhat less creative than most	(B)
Not very creative at all	(A)

14. Is it easier for you to adapt to change or follow a routine?

Change is much easier	(E)
Change is easier than routine	(D)
They are about the same	(C)
Routine is easier	(B)
Routine is much easier	(A)

15. How much reading did you do during the last year?

Over 50 books	(E)
Between 30 and 50 books	(D)

19. How fast do you usually work?

Much faster than most people	(E)
Somewhat faster than most people	(D)
At about the same pace as most people	(C)
Somewhat slower than most people	(B)
Much slower than most people	(A)

20. How do you evaluate your ability to express yourself? (Consider your ability to hold attention and to present opinions and thoughts in a clear and orderly way.)

Excellent	(E)
Good	(D)
Average	(C)
Poor	(B)
Very poor	(A)

21. How important is it to you that most of the people around you share pretty much the same values and ideas?

Extremely important	(E)

Over 20 but less than 30 books (C)
Over 10 but less than 20 books (B)
Less than 10 books (A)

16. How often do you try new food dishes that you have never eaten before?

Every chance I get (E)
Frequently (D)
Occasionally (C)
When I cannot avoid it (B)
Never (A)

17. Which of the following describes the type of teacher you like best? One who:

Outlines the problem in a general way, but leaves it up to you to decide what is really needed and how to go about doing it (E)
Explains clearly what is to be done, but leaves it up to you to decide how to do it (D)
Gives specific enough instruction so that there is little question as to what should be done and how to go about doing it (C)
Is specific as to what should be done and how and makes periodic checks to see if you are proceeding properly (B)
I cannot say. It depends on the subject matter (A)

18. To what extent are you the kind of individual who becomes so absorbed in his own work and interests that he does not have time for friends?

To a great extent (E)
To some extent (D)
To a small extent (C)
To a very small extent (B)
Not at all (A)

Moderately important (D)
Slightly important (C)
Not at all important (B)
I would not have it that way (A)

22. In comparison with others in your classes to what extent do you question your teachers on subject matter?

Considerably more often than average (E)
Somewhat more often than average (D)
About an average amount (C)
Somewhat less often than average (B)
Considerably less often than average (A)

23. How often do you desire to be alone for an hour or more in order to follow your own thoughts and ideas?

Almost never (E)
A few times a month (D)
A few times a week (C)
At least once a day (B)
Several times a day (A)

24. Whether or not you have owned them have you wanted to own and use a certain scientific or cultural "tool" such as oil paints and canvas, musical instruments, slide rule, small laboratory or workshop equipment, etc.?

Strongly desired (E)
Desired (D)
Desired somewhat (C)
Little desire for such things (B)
Very little or no desire (A)

25. Whether or not you have competed in public contests or exhibitions (such as science or art shows, recitals, etc.) would you enjoy participating in them?

No ( ) Uncertain ( ) Yes ( )

DIRECTIONS: Carefully read each item. If your answer is no, blacken N and proceed to the next item. If your answer is yes, blacken Y and one or more of the circles to the right of Y according to the following directions:

Award - If your work received a prize or an award, blacken A.
Publication/Performance - If your work or an article about your work was published in other than a school publication, or your work was used in repeated performance or exhibition, blacken P.
Income - If your work was used for income for yourself or for an organization, blacken I.
No Special Recognition - If your work did not qualify for A, P, or I, blacken N.

	(N)					No special recognition
	(I)					Income
	(P)					Publication/Performance
A. OTHER THAN AS A SCHOOL ASSIGNMENT, HAVE YOU EVER WRITTEN:	(A)					Award
	(Y)					Yes
	(N)					No
1. Poetry?	(N)	(Y)	(A)	(P)	(I)	(N)
2. Nonfiction (news items, editorials, essays, book reviews, etc.)?	(N)	(Y)	(A)	(P)	(I)	(N)
3. Fiction (plays or short stories)?	(N)	(Y)	(A)	(P)	(I)	(N)
4. An original poem, fiction or nonfiction work in a foreign language?	(N)	(Y)	(A)	(P)	(I)	(N)
5. A letter to a public official expressing your opinion?	(N)	(Y)	(A)	(P)	(I)	(N)
6. A letter to a friend or to a business firm?	(N)	(Y)	(A)	(P)	(I)	(N)
7. A translation of a poem from a foreign language into English poetic form?	(N)	(Y)	(A)	(P)	(I)	(N)
B. BEFORE AN AUDIENCE OTHER THAN A CLASSROOM GROUP, HAVE YOU EVER:						
8. Sung using a style all your own?	(N)	(Y)	(A)	(P)	(I)	(N)
9. Played a musical instrument producing music in an unusual way?	(N)	(Y)	(A)	(P)	(I)	(N)
10. Performed a dance routine that you have worked out?	(N)	(Y)	(A)	(P)	(I)	(N)
11. Given a speech that you have written?	(N)	(Y)	(A)	(P)	(I)	(N)
12. Acted in a play?	(N)	(Y)	(A)	(P)	(I)	(N)
13. Had a lead in a play with an adult amateur company or professional drama company?	(N)	(Y)	(A)	(P)	(I)	(N)
14. Participated in athletic competition?	(N)	(Y)	(A)	(P)	(I)	(N)
15. Performed using an original act (comedy or novelty)?	(N)	(Y)	(A)	(P)	(I)	(N)
16. Participated in athletic competition in which you used your own style (such as skating routines, diving, skiing, etc.)?	(N)	(Y)	(A)	(P)	(I)	(N)
17. Played a musical instrument?	(N)	(Y)	(A)	(P)	(I)	(N)
18. Modeled an outfit using your own style of modeling?	(N)	(Y)	(A)	(P)	(I)	(N)
19. Conducted a band, orchestra or other musical group?	(N)	(Y)	(A)	(P)	(I)	(N)

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C. USING YOUR OWN IDEAS AND DESIGN, HAVE YOU EVER DONE:

20. Sculpturing?	(N)	(Y)	(A)	(P)	(I)	(N)
21. Interior decorating?	(N)	(Y)	(A)	(P)	(I)	(N)
22. Cartooning?	(N)	(Y)	(A)	(P)	(I)	(N)
23. Choreography?	(N)	(Y)	(A)	(P)	(I)	(N)
24. Handicraft, such as making jewelry, pottery, handwoven materials, leather work or ceramics (without a kit)?	(N)	(Y)	(A)	(P)	(I)	(N)
25. Painting (without a number set) in oil or water colors?	(N)	(Y)	(A)	(P)	(I)	(N)
26. Printmaking or graphic design?	(N)	(Y)	(A)	(P)	(I)	(N)
27. Music composition, arrangement or improvisation?	(N)	(Y)	(A)	(P)	(I)	(N)
28. Layout work for yearbooks, newspapers or advertisements?	(N)	(Y)	(A)	(P)	(I)	(N)

D. HAVE YOU EVER DESIGNED:

29. Buildings, landscapes or models of structures?	(N)	(Y)	(A)	(P)	(I)	(N)
30. Window displays or stage sets?	(N)	(Y)	(A)	(P)	(I)	(N)
31. Clothing or textiles?	(N)	(Y)	(A)	(P)	(I)	(N)
32. Electronic equipment?	(N)	(Y)	(A)	(P)	(I)	(N)
33. Mechanical equipment?	(N)	(Y)	(A)	(P)	(I)	(N)
34. Other scientific or technical equipment?	(N)	(Y)	(A)	(P)	(I)	(N)
35. Useful items, such as furniture, tools, sports equipment, etc.?	(N)	(Y)	(A)	(P)	(I)	(N)
36. Decorative items for use in the home such as wall plaques, planters, door knobs, etc.?	(N)	(Y)	(A)	(P)	(I)	(N)

E. HAVE YOU EVER:

37. Developed a new mathematical process?	(N)	(Y)	(A)	(P)	(I)	(N)
38. Tutored a student regularly on your own?	(N)	(Y)	(A)	(P)	(I)	(N)
39. Organized a business?	(N)	(Y)	(A)	(P)	(I)	(N)
40. Coached or instructed a sport?	(N)	(Y)	(A)	(P)	(I)	(N)
41. Taken photographs or movies for exhibition, competition or sale?	(N)	(Y)	(A)	(P)	(I)	(N)
42. Repaired mechanical equipment?	(N)	(Y)	(A)	(P)	(I)	(N)
43. Made an appointment to discuss issues with a public official?	(N)	(Y)	(A)	(P)	(I)	(N)
44. Discussed contemporary issues with a public official?	(N)	(Y)	(A)	(P)	(I)	(N)
45. Cared for a small child on a regular basis?	(N)	(Y)	(A)	(P)	(I)	(N)
46. Constructed a workshop, cabin, roadside stand or other building?	(N)	(Y)	(A)	(P)	(I)	(N)
47. Raised or trained animals for competition?	(N)	(Y)	(A)	(P)	(I)	(N)
48. Raised plants for exhibition or competition?	(N)	(Y)	(A)	(P)	(I)	(N)
49. Been a leader or organizer of a group which investigates undeveloped mines or caves or takes hikes or canoe trips which do not follow a typical route?	(N)	(Y)	(A)	(P)	(I)	(N)
50. Constructed electronic or mechanical equipment without a kit?	(N)	(Y)	(A)	(P)	(I)	(N)
51. Constructed useful objects, such as furniture, sports equipment, tools, etc.?	(N)	(Y)	(A)	(P)	(I)	(N)

52. Directed a play or produced a movie which was performed for an audience larger than a school class or club? (N) (Y) (A) (P) (I) (N)
53. Prepared meals involving unusual recipes? (N) (Y) (A) (P) (I) (N)
54. Conducted an original scientific experiment in the natural sciences? (N) (Y) (A) (P) (I) (N)
55. Conducted an original scientific experiment in the physical sciences? (N) (Y) (A) (P) (I) (N)
56. Modified discarded items, according to plans of your own, to make them useful? (N) (Y) (A) (P) (I) (N)
57. Been on a debate team? (N) (Y) (A) (P) (I) (N)
58. Composed written material for business such as letters to clients or ad copy? (N) (Y) (A) (P) (I) (N)
59. Organized or directed a recreational or service program? (N) (Y) (A) (P) (I) (N)
60. Taken a hike or boat trip without a guide or scout leader? (N) (Y) (A) (P) (I) (N)
61. Devised a new method of raising money for a club or organization? (N) (Y) (A) (P) (I) (N)
62. Arranged flowers for exhibition or competition? (N) (Y) (A) (P) (I) (N)

F. WITH YOUR OWN IDEAS HAVE YOU EVER:

63. Conducted a scientific experiment using things such as kitchen tools, household items or equipment designed for a different purpose? (N) (Y) (A) (P) (I) (N)
64. Used mechanical or electronic devices to include motion or change in an art object? (N) (Y) (A) (P) (I) (N)
65. Played music on something other than a recognized musical instrument? (N) (Y) (A) (P) (I) (N)
66. Used some type of machine to produce a painting or sculpture? (N) (Y) (A) (P) (I) (N)
67. Adapted an architectual design for a new purpose? (N) (Y) (A) (P) (I) (N)
68. Adapted a mechanical design for a new purpose? (N) (Y) (A) (P) (I) (N)
69. Adapted an electronic design for a new purpose? (N) (Y) (A) (P) (I) (N)
70. Arranged or composed music using an unusual way of selecting a theme or tonal pattern? (N) (Y) (A) (P) (I) (N)
71. Designed crossword puzzles? (N) (Y) (A) (P) (I) (N)
72. Made clothing, drapes or other cloth products? (N) (Y) (A) (P) (I) (N)
73. Constructed a model of a vehicle, machine or structure? (N) (Y) (A) (P) (I) (N)

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GOAL IX ELEMENTARY APPRECIATING HUMAN ACCOMPLISHMENTS

DIRECTIONS: Look at the four pictures in Group A. Then answer the three questions under the pictures on your special answer sheet. Do Groups B to G the same way.

POLITICS Group A

1. Would you like to watch or listen to one or more of these kinds of voting activities?

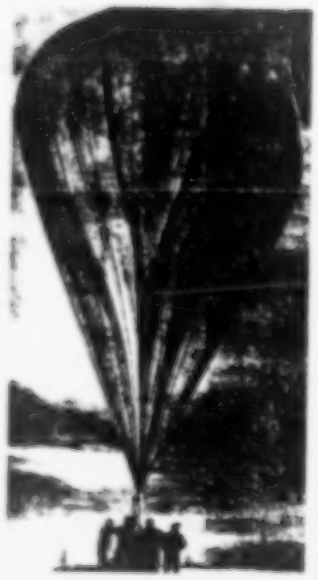
2. Would you like to take part in one or more of these kinds of voting activities?

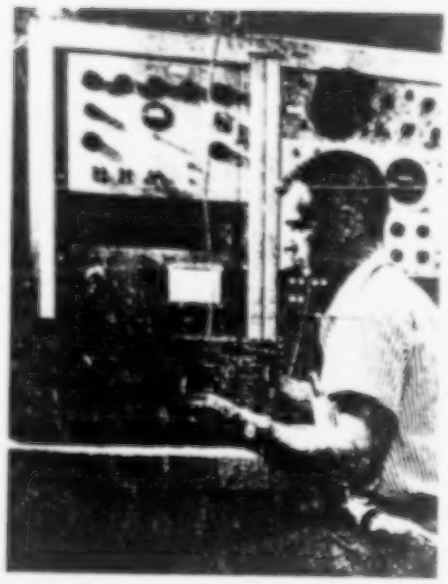
3. I think voting activities are

   A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

SCIENCE Group B





4. Would you like to know more about one or more of these kinds of science activities?

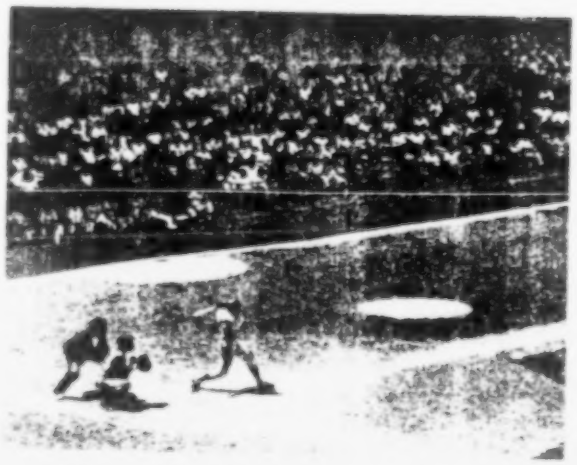
5. Would you like to take part in one or more of these kinds of science activities?

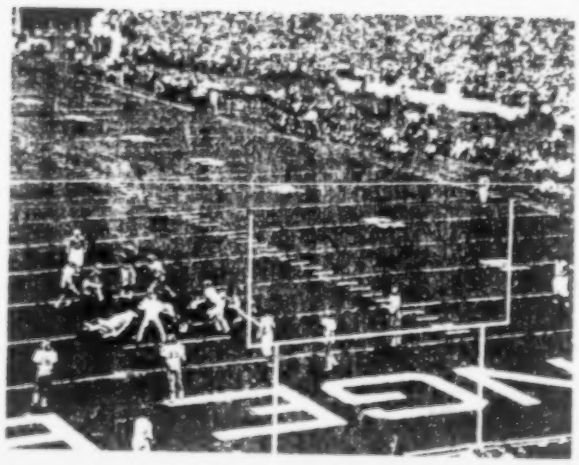
6. I think science is

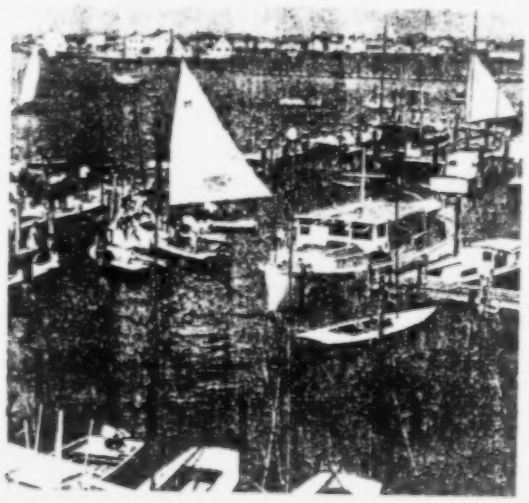
A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

SPORTS Group C







7. Would you like to see one or more of these kinds of sports events?

8. Would you like to be in one or more of these kinds of sports events?

9. I think sports are

A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

LITERATURE Group D

10. Would you like to visit libraries and book stores?

11. Would you like to read more books?

12. I think reading and writing stories is

A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

VISUAL ARTS Group E

13. Would you like to visit a musuem to see paintings and sculpture?

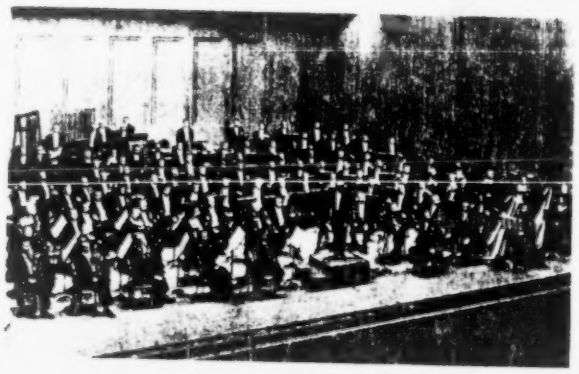
14. Would you like to do art work such as painting and sculpture?

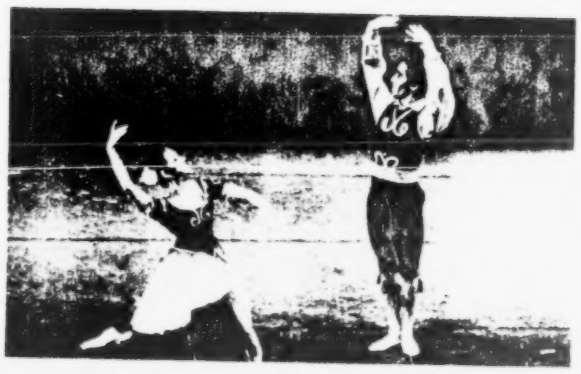
15. I think art is

A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

MUSIC Group F





16. Would you like to see or hear one or more of these kinds of musical activities?

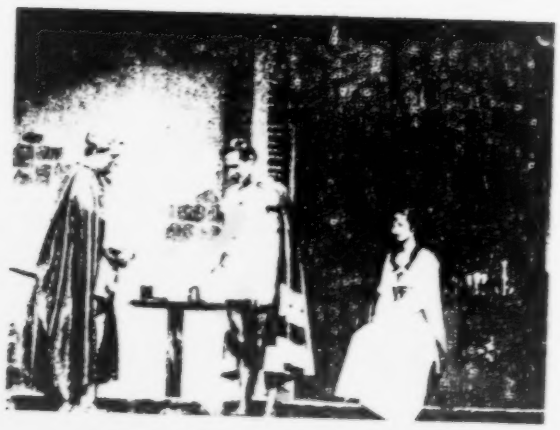
17. Would you like to take part in one or more of these kinds of musical activities?

18. I think music is

A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

THEATER Group G



19. Would you like to visit a theater to see a play?

20. Would you like to take part in one or more of these kinds of theater activities?

21. I think plays are

A. very important. B. somewhat important. C. not important.

DO NOT MAKE ANY MARKS IN THIS BOOKLET.

DIRECTIONS: FOR EACH NAME, CHOOSE THE ROLE THAT BEST DESCRIBES THAT PERSON.

SAMPLE ITEMS:

President	(D)
Doctor	(C)
Singer	(B)
Dancer	(A)

Elvis Presley	(A)	●	(C)	(D)
Richard M. Nixon	(A)	(B)	(C)	●

Notice that singer for Elvis Presley has been marked and that President for Richard M. Nixon has been marked.

Do items 1-21 the same way as the sample items. There is one extra circle for each set of names. Mark only one circle for each item.

(H)	Pianist
(G)	Football Star
(F)	Actress
(E)	Statesman
(D)	Artist
(C)	Singer
(B)	Scientist
(A)	Dancer

1. Joe Namath	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
2. Wernher Von Braun	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
3. Charles De Gaulle	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
4. Jane Fonda	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
5. Van Cliburn	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
6. Andrew Wyeth	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
7. Margot Fonteyn	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)

(H)	Comedian
(G)	Sculptor
(F)	Track Star
(E)	Play Writer
(D)	Astronaut
(C)	Novelist
(B)	Actor
(A)	Senator

8. Jim Ryun	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
9. Neil Armstrong	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
10. Everett Dirksen	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
11. Godfrey Cambridge	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
12. John Updike	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
13. Alexander Calder	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
14. Arthur Miller	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)

(H)	Poet
(G)	Actor
(F)	Singer
(E)	Surgeon
(D)	Governor
(C)	Congressman
(B)	Fashion Designer
(A)	Basketball Star

15. Bill Russell	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
16. Christiaan Barnard	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
17. Gerald Ford	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
18. Sidney Poitier	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
19. Mahalia Jackson	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
20. Yves St. Laurent	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
21. Marianne Moore	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)

DIRECTIONS: FILL IN THE CIRCLE WHICH BEST DESCRIBES YOUR ANSWER.

(N) NO
(M) MAYBE
(Y) YES

IF YOU HAD THE OPPORTUNITY WOULD YOU LIKE TO:

22. See a ballet?	(N)	(M)	(Y)
23. Attend a symphony concert?	(N)	(M)	(Y)
24. Visit an art museum?	(N)	(M)	(Y)
25. See a play in New York?	(N)	(M)	(Y)
26. Attend a live TV program?	(N)	(M)	(Y)
27. Read a best selling book?	(N)	(M)	(Y)
28. Visit a science museum?	(N)	(M)	(Y)
29. Attend a fashion show?	(N)	(M)	(Y)
30. Attend an opera?	(N)	(M)	(Y)
31. Attend a boat show?	(N)	(M)	(Y)
32. Spend time in a library?	(N)	(M)	(Y)
33. Attend a boxing match?	(N)	(M)	(Y)
34. Attend a political rally?	(N)	(M)	(Y)
35. Hear a talk by a famous writer?	(N)	(M)	(Y)
36. Hear a Presidential press conference on TV or radio?	(N)	(M)	(Y)
37. See a soccer game?	(N)	(M)	(Y)
38. Read about a famous scientist?	(N)	(M)	(Y)
39. See an Academy Award movie?	(N)	(M)	(Y)
40. Attend a session of Congress?	(N)	(M)	(Y)
41. See a display of sculpture?	(N)	(M)	(Y)
42. See a film about our space program?	(N)	(M)	(Y)
43. Build your own library of books?	(N)	(M)	(Y)
44. Take an art course?	(N)	(M)	(Y)
45. Be on an athletic team?	(N)	(M)	(Y)
46. Join a political group?	(N)	(M)	(Y)
47. Learn about a new medical discovery?	(N)	(M)	(Y)
48. Learn a new sport?	(N)	(M)	(Y)

HOW DO YOU FEEL ABOUT THE FOLLOWING STATEMENTS?

(D) DISAGREE
(?) CANNOT SAY
(A) AGREE

49. It's enjoyable to read the sports news.	(A)	(?)	(D)
50. Most works of art are too difficult to understand.	(A)	(?)	(D)
51. A play is a play, it doesn't matter who the actors are.	(A)	(?)	(D)
52. Some music can put me in a daze.	(A)	(?)	(D)
53. I would like to be able to vote in a state or national election.	(A)	(?)	(D)

54. Most scientific accomplishments are too technical and difficult to understand. (A) (?) (D)
55. Poetry is best when I can read it aloud to myself. (A) (?) (D)
56. Plays are usually dull and uninteresting. (A) (?) (D)
57. Some of the characters in novels or plays seem as real as my family and friends. (A) (?) (D)
58. Ballet is usually so graceful. (A) (?) (D)
59. Political candidates all say the same things. (A) (?) (D)
60. I go to the movies regularly no matter what is playing. (A) (?) (D)
61. Symphony concerts are usually boring. (A) (?) (D)
62. Most sculpture says nothing to me. (A) (?) (D)
63. Some science or math problems keep me thinking for days. (A) (?) (D)
64. To be a successful politician, it's not what you know but whom you know that counts. (A) (?) (D)
65. Most scientists are interested only in machines, not people. (A) (?) (D)
66. A person in the arts (music, drama, dance, etc.) can contribute as much to society as a scientist. (A) (?) (D)
67. Most people in political life are dedicated to helping the public. (A) (?) (D)
68. Tax money should be used to support the theater. (A) (?) (D)
69. Reading novels in school is usually a waste of time. (A) (?) (D)
70. Almost anybody can be a modern artist. (A) (?) (D)
71. A writer of music can be as valuable to people as a doctor. (A) (?) (D)
72. Most professional athletes earn their pay. (A) (?) (D)
73. An author can help to change the course of history. (A) (?) (D)
74. Most actors and actresses have to study hard. (A) (?) (D)
75. Athletics is a waste of time. (A) (?) (D)
76. Most works of art really tell a message. (A) (?) (D)
77. Learning a little about science makes me want to learn more. (A) (?) (D)

GOAL X ELEMENTARY AND SECONDARY PREPARING FOR A CHANGING WORLD

DIRECTIONS: To answer items 1-7, read the following statement, then for each item blacken the circle which best describes you.

Some people say that in order to keep up in a fast moving world it will be important to keep learning and studying all during our lives. Other people say that once a person finishes school, he should be able to handle anything that comes along.

Do you think you will have to keep learning and studying (in or out of school) in order to:

(?) I cannot say
(N) It will not be important
(S) It will be somewhat important
(Q) It will be quite important
(V) It will be very important

1. Keep up in your job? (V) (Q) (S) (N) (?)

2. Keep a happy home? (V) (Q) (S) (N) (?)
3. Make good decisions in voting? (V) (Q) (S) (N) (?)
4. Enjoy paintings, plays and books? (V) (Q) (S) (N) (?)
5. Understand what is going on in the world? (V) (Q) (S) (N) (?)
6. Bring up your children well? (V) (Q) (S) (N) (?)
7. Take part in community interests and events? (V) (Q) (S) (N) (?)

DIRECTIONS: To answer items 8-30, try to place yourself in the following situation:

Before school began one morning, you and a group of classmates were having a talk about the year 1989 and you were trying to imagine yourselves going to school in 1989. Items 8-24 are some of your classmates ideas.

(N) I do not accept it
(?) I cannot say
(A) I accept it

8. There will be no marks and no report cards. Pupils will talk over their work with their teachers as often as they like. (A) (?) (N)

9. Schools will be open 12 months of the year. Vacations can be taken during any season. (A) (?) (N)

10. Schools will be open 24 hours each day. Pupils can use the buildings at any time. (A) (?) (N)

11. There will be no attendance rules. Pupils can use the school buildings as many days each year as they wish. Pupils can come and go any time. (A) (?) (N)

12. There will be no required subjects. Pupils can take any subjects they wish to take. (A) (?) (N)

13. Pupils will not be together by age. Ten year olds and sixteen year olds could take the same subjects. (A) (?) (N)

14. Adults will also use the school. Sixty year olds could be in the same classes with 10 year olds and 16 year olds. (A) (?) (N)

15. Pupils will have discussion groups. (A) (?) (N)

16. Pupils will work with teachers alone or in small groups. (A) (?) (N)

17. All the latest and best reading materials will be quickly available through a computer. (A) (?) (N)

18. There will be TV, movies, records and tapes which pupils can use by themselves. (A) (?) (N)

19. Pupils will have the use of a computer for arithmetic and many other things. (A) (?) (N)

20. There will be quiet places to learn and study on one's own. (A) (?) (N)

21. To learn about the people and the language of another country, pupils will spend some time living in foreign countries. (A) (?) (N)

22. To learn about different people in this country, pupils will spend time living in different sections of the U.S. (A) (?) (N)

23. Pupils will learn in factories, laboratories, hospitals, museums, theaters and offices. Pupils will visit these places if they wish to learn about them and about the people in them. (A) (?) (N)

24. Pupils will talk with others all over the world by way of satellite. (A) (?) (N)

You and your classmates were also talking about how the world will be in 1989. Items 25-30 are some of your classmates ideas.

(D) Disagree completely
(P) Agree partly
(A) Agree completely

25. Jobs will be very different, work hours will be different and vacations will be longer. (A) (P) (D)

26. Kids who can do the job and who want to work can go to work even if they are only ten years old. (A) (P) (D)

27. Anyone will be able to travel anywhere, any time and for any reason without even a passport. (A) (P) (D)

28. The way things are changing so fast, a person can't help but worry about being able to keep up with and fit into the world of 1989. (A) (P) (D)

29. There will be scientific outposts on Mars just as there are outposts in Antarctica today. (A) (P) (D)

30. Those people all over the world who are among the better educated will also be among the happier, the more peaceful and the more content. (A) (P) (D)